

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PHUS020622WO	FOR FURTHER ACTION		see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/IB 03/06020	International filing date (day/month/year) 12/12/2003	(Earliest) Priority Date (day/month/year) 20/12/2002	
Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1 _____
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 03/06020

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

The invention provides an apparatus that illuminates a rod (130) comprising a plurality of light emitting diode chips (110), the light emitting diode chips (110) forming at least one multi-chip package; at least one reflector (120), the reflector optically connected to the multi-chip package (110); and an output rod (130), the output rod optically connected to the reflector (120).

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/06020

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 211 457 A (TB OPTICAL CO LTD) 5 June 2002 (2002-06-05)	1, 13, 18
Y	abstract; claims 1-14; figures 1-20	11, 17
A	EP 1 091 166 A (VISTEON GLOBAL TECH INC) 11 April 2001 (2001-04-11)	1
	abstract; figures 1-6	
Y	US 5 634 711 A (KAYSER ROY ET AL) 3 June 1997 (1997-06-03)	11, 17
	column 3 - column 4; figure 1	
P, X	WO 03/096925 A (HARTUNG MARTIN ; 3M ESPE AG (DE)) 27 November 2003 (2003-11-27)	1-5, 13, 14, 18
	the whole document	

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

20 February 2004

Date of mailing of the international search report

03/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Malic, K

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/06020

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1211457	A	05-06-2002	JP 2002170416 A	14-06-2002
			JP 2002170404 A	14-06-2002
			CN 1356492 A	03-07-2002
			EP 1211457 A1	05-06-2002
			TW 514710 B	21-12-2002
			US 2002064043 A1	30-05-2002
EP 1091166	A	11-04-2001	EP 1091166 A1	11-04-2001
			JP 2001116963 A	27-04-2001
US 5634711	A	03-06-1997	US 5420768 A	30-05-1995
			AU 7737894 A	03-04-1995
			CA 2149339 A1	23-03-1995
			WO 9507731 A1	23-03-1995
WO 03096925	A	27-11-2003	DE 10222828 A1	11-12-2003
			WO 03096925 A1	27-11-2003